

CAD/CAM/CNC Software

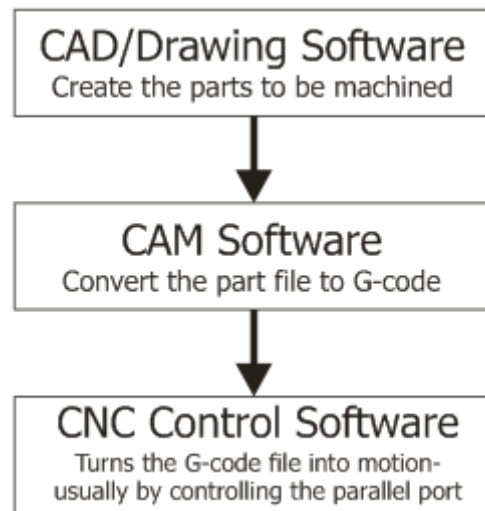
What software is involved in CNC? There are primarily three parts:

CAD (Computer Aided Design) software is where you design your parts to be routed, lathed, milled, or cut.

CAM (Computer Aided Manufacturing) software converts your CAD drawings into G-code, which is the programming language that the CNC control software understands.

The CNC control software then reads the G-code and turns it into motion to drive your machine. This is usually done by reading and writing pins on the parallel port, but there are some motor controllers which can operate from serial or USB, as well.

Below flow diagram shows the relationship between CAD, CAM and CNC software.



Below diagram shows a typical CNC working flow.

